

STATE OF CALIFORNIA  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT (John H. Madigan)  
MEETING DATE: January 23, 2007

ITEM: 9

SUBJECT: SOUTH BAYSIDE SYSTEM AUTHORITY WASTEWATER  
TREATMENT PLANT AND ITS CONVEYANCE SYSTEM,  
REDWOOD CITY, SAN MATEO COUNTY - Reissuance of NPDES  
Permit

CHRONOLOGY: January 2001 - Permit Reissued

DISCUSSION: The South Bayside System Authority (SBSA) treatment plant serves about 217,000 people within the cities of Belmont, San Carlos, Redwood City, and Woodside, and parts of unincorporated San Mateo County. During dry weather, the plant may discharge up to 29 million gallons per day (mgd) of secondary-treated wastewater to San Francisco Bay. This discharge is through an outfall approximately 2.3 miles offshore, southeast of the center span of the San Mateo-Hayward Bridge.

SBSA, U.S. EPA, Bay Area Clean Water Agencies (BACWA), and Baykeeper submitted comments (Appendix B) on a draft permit distributed for review. Appendix C contains our responses to the comments received. We resolved as many comments as possible, modifying the Tentative Order as appropriate. The modifications are reflected in the attached Revised Tentative Order (Appendix A).

The most significant remaining concerns relate to the final limits for cyanide and dioxin, and compliance schedules for these pollutants. Both SBSA and BACWA object to the final limit for dioxin on technical and legal grounds. U.S. EPA requested clarification regarding how the compliance schedules are consistent with U.S. EPA policies and regulations. Baykeeper contends that the compliance schedules are illegal and unjustified. We believe the final limits and compliance schedules are legal, necessary, and technically sound; however, these commenters may reiterate their concerns at the Board Meeting.

RECOMMEND-  
ATION: Adoption of the Revised Tentative Order

File Number: 2179.7037 (JHM)

Appendices: A. Revised Tentative Order  
B. Comments  
C. Response to Comments

# **APPENDIX A**

## **Revised Tentative Order**

# **APPENDIX B**

## **Comments**

# **APPENDIX C**

## **Response to Comments**